Esthetic low shrink light cure composite with nano-filler technology

OliRevo is a visible **light cure** nano-filled composite for anterior and posterior restorations. Beside its low shrink and low abrasion **OliRevo** shows improved handling features and excellent mechanical properties. **OliRevo** is based on urethanedimethacrylate resin and inorganic filler particles <1.0 µm. The total filler content is 82 % (wt). The composite material meets the requirements of **DIN EN ISO 4049.**

Indications

Suitable for all cavities.

Side Effects

Irritations resulting from direct contact with the pulp cannot be ruled out. Therefore for pulp protection the cavity floor in cases of deep excavations should be covered with a thin layer of calciumhydroxide material.

Incompatibility with Other Materials

Do not use in combination with substances containing eugenol because eugenol can impair the hardening of the composite and causes discoloration. Do neither store the composite material in proximity of eugenol containing products, nor let the composite allow to come into contact with materials containing eugenol.

Preparation of Tooth and Colour Matching

Clean the tooth with a fluoride-free polishing paste (e.g. flour of pumice with water) prior to preparation and colour matching. Ascertain the tooth shade while teeth are still moist and select the appropriate **OliRevo** shade.

OliRevo is shaded according to VITA®-Shades. It is also available in special shades and bleach shades.

Cavity Preparation

After isolation (best with a rubber dam) prepare the cavity with minimal tooth reduction.

Best pulp protection in case of deep excavations is the photo-activated disinfection (PAD). If this is not possible, deep excavations should be covered with a thin layer of calciumhydroxide material.

Condition and apply a bonding agent according to the manufacturer instructions. The total etch technique with etching gel and subsequent application of a light cure bonding agent (e.g. **OliBond Ethanol**) is recommended. Otherwise use a self etching bonding agent (e.g. **OliEtch Bond**) before application of the **OliRevo**.

Application and Curing of OliRevo

Apply **OliRevo** in the selected shade. **OliRevo** is easy to model. Place it by using a suitable instrument. Transparent matrix strips may be used.

In case of deep and extended cavities best results are obtained with a build-up of a base liner using a light cure resin modified cement or a light cure flowable composite, followed by the application of **OliRevo**.

In case of small cavities **OliRevo** can be applied directly.

For an optimum result apply **OliRevo** in **layers of max. 2 mm**. Light cure each increment separately.

By using a polymerization unit with a **light intensity of at least 1000mW/cm2**, cure each increment as follows:

- Lighter shades (e.g. A1, A2, C2) **20 seconds**
- Darker shades (e.g. A3.5, B3) **30 seconds**

Finishing

Contour with fine diamonds, stones or burs. Polish to high gloss with discs or rubber points. Interproximal finishing is accomplished by fine grit finishing strips.

Storage

Do not store above 25°C (78°F). Protect from direct sunlight. Do not use after expiry date.

Close syringe immediately after use to avoid exposure to light.

APPLIC.-Tips are for single use only.

Additional Notes

- Do not use any resin to adjust viscosity of composite restorative material.
- Contact of resin pastes with skin should be avoided, especially by anyone having known resin allergies.
- VITA® is a registered trade mark of the VITA-Zahnfabrik, Bad Säckingen, Germany.

Warranty

Olident warrants this product will be free from defects in material and manufacture. Olident makes no other warranties including any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusively remedy and Olident's sole obligation shall be repair or replacement of the Olident product.

Limitation of Liability

Except where prohibited by law, Olident will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.

Keep away from children! For dental use only!

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CE 1008